

## **Kevin Goodwin, Lawrence Livermore National Laboratory**

### ***Bio***

Kevin Goodwin is a Certified Safety Professional® and has been in the safety profession for over fourteen years. He has worked at Lawrence Livermore National Laboratory for over ten years. Kevin has been a Deputy Laser Safety Office at Lawrence Livermore National Laboratory for over two years and oversees fifty laser systems/laboratories consisting of five hundred lasers.

### ***Abstract***

#### **So Many Lasers, So Little Time – Automate Your Laser Safety Program**

In a time when resources are lean and documentation is vital, automation looks to be the saving grace for laser safety programs. Managing inventory, assessments, audits, reporting and tracking, while making it all useful and accessible is not easily accomplished. We realized that the components of our laser safety program were independent, semi manual, and not very flexible. Our goal was to integrate our laser database with our assessments and laser audits while making it all searchable, sortable, and auditable. What we got is an intuitive laser safety system that allows our assessments to be performed in real time in the field, a database that is completely automated, audits that may be performed on the tablet format and issue tracking that is completely automated.